

OUT60861

P 070201Z JAN 67

FM NPIC WASHDC

TO AIG NINE SEVEN FIVE

BT

SECRET CITE NPIC 9525.

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-939, 5 JAN 66.

((TEXT WHICH FOLLOWED WAS IDENTICAL TO ABOVE CITED MSN G-939))

SECRET

-END OF MESSAGE-

GROUP 1
Excluded from automatic
downgrading and
declassification

PREFACE

Approved For Release 2008/03/18 : CIA-RDP78B03817A000300020107-2 NARY ANALYSIS OF

P-1 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-939, JAN 66.

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGER@, O @OBLIQUITY@, AND GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT @ZPU-2, ZPU-4, AND 37MM@, MEDIUM @57MM AND 85MM@, AND HEAVY @100MM AND LARGER@. WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

CAMPO FLORIDO SAM SITE A07-2 CU 2309N 08202W
OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES@, 10 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, A PROBABLE ACQUISITION RADAR WITH 1 ASSOCIATED VAN TRAILER, 9 TRACKED PRIME MOVERS, 8 CARGO TRUCKS, AND 3 OTHER VEHICLES/PIECES OF EQUIPMENT.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

CIFUENTES SAM ASSEMBLY AREA CU 2236N 08005W
OB -- 15 MISSILE TRANSPORTERS @4 CANVAS COVERED@ AND AT LEAST 12 ZIL-157V TRUCK TRACTORS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1

P-3 HOLGUIN SAM SITE B27-2 CU 2052N 07627W
SITE REMAINS OCCUPIED.
OBLIQUITY LIMITS INTERPRETATION.

25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W
OB -- 4 EMPLACED LAUNCHERS WITH MISSILES AND AN OCCUPIED CENTRAL GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

25X1

MALDONADO SAM SITE A18-2 CU 2012N 07528W
SITE REMAINS VACATED.
OR -- NONE.

25X1

P-4 RANCHUELO SAM SITE A33-2 CU 2223N 08010W
ADJACENT TEMPORARY SITE IS ABANDONED AND WILL NO LONGER BE REPORTED. PERMANENT SITE IS OCCUPIED AND 3 REVETTED MISSILE-HOLD POSITIONS REMAIN UNDER CONSTRUCTION.
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 11 MISSILE TRANSPORTERS @1 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN, 12 ZIL-157V TRUCK TRACTORS, 5 CARGO TRUCKS, AND 1 TRUCK-MOUNTED CRANE.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

25X1

SANTA CLARA SAM SITE A34-2 CU 2229N 08000W
PERMANENT SITE REMAINS UNDER CONSTRUCTION.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W
OB -- 6 EMPLACED LAUNCHERS 04 WITH MISSILES, 1
ADDITIONAL LAUNCHER, 11 MISSILE TRANSPORTERS 01 WITH
EXPOSED MISSILES, 8 ZIL-157V TRUCK TRACTORS, A FAN SONG
RADAR WITH ASSOCIATED EQUIPMENT, 3 VAN TRAILERS, 2
CARGO TRUCKS, AND AT LEAST 5 OTHER VEHICLES/PIECES OF
EQUIPMENT.

P-5 NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W
OB -- 4 MISSILE TRANSPORTERS, AT LEAST 70 MISSILE
CANISTERS, 1 CARGO TRUCK, AND 10 OTHER VEHICLES/PIECES
OF EQUIPMENT.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO SAM TRAINING AREA CU 1958N 07551W
OB -- 23 VAN TRUCKS AND 7 OTHER VEHICLES/PIECES OF
EQUIPMENT.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W
OB -- 6 EMPLACED LAUNCHERS 02 WITH MISSILES, 9 MISSILE
TRANSPORTERS 02 WITH EXPOSED MISSILES, A FAN SONG
RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION
RADAR WITH GENERATOR VAN, 13 ZIL-157V TRUCK TRACTORS,
AND 3 OTHER VAN TRAILERS.

P-6 ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W
SITE REMAINS OCCUPIED.
OBLIQUITY LIMITS INTERPRETATION.

25X1

LA CATALINA SAM SITE A34-2 CU 2258N 08200W
OB -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 7 MISSILE
TRANSPORTERS, A GUIDANCE RADAR WITH 6 ASSOCIATED VAN
TRAILERS, AND 27 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W
OB -- AT LEAST 4 EMPLACED LAUNCHERS 01 WITH MISSILES, 7
MISSILE TRANSPORTERS 04 WITH EXPOSED MISSILES, AND AN
OCCUPIED CENTRAL GUIDANCE REVETMENT OBSERVED IN
CLOUD-FREE AREAS.

25X1

Sec-2
P-1 LA MAYA SAM SITE CU 2014N 07540W
OB -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 6 MISSILE
TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN
TRAILERS, A SPOON REST RADAR WITH 1 ASSOCIATED VAN
TRAILER, 7 CARGO TRUCKS, AND 3 ADDITIONAL VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

AIR FACILITIES
CAMILO CIENFUEGOS AIRFIELD CU 2229N 07956W
OB -- 25 FAGOT/FRESCO, 1 LIAISON, AND 1 HOUND.
ACTIVITY -- 10 PROBABLE MIG 17 SHIPPING CRATES REMAIN
TO THE REAR OF THE MAIN PARKING AREA.

25X1

OB -- 8 FAGOT/EPESCA OBSERVED IN CLOUD-FREE AREAS.
LOS CANOS AIRFIELD 2005N 07509W
OB -- 1 HOUND.

25X1

ANTONIO MACEO AIRFIELD CU 1958N 07550W
OB -- 1 MORAVA L-200, 1 SMALL STRAIGHT-WING, AND 1
HOUND.

25X1

CORONEL PASCUAL AIRFIELD CU 2307N 08117W
OB -- NONE.

25X1

BAYAMO AIRFIELD EAST CU 2022N 07637W
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1

BAYAMO AIRFIELD CU 2023N 07637W
OB -- NONE OBSERVED.
ACTIVITY -- RUNWAY EXTENSION REMAINS UNDER
CONSTRUCTION.

25X1

NAVAL ACTIVITY/PORTS

A-3 CIENFUEGOS NAVAL BASE CU 2208N 08027W
VESSELS -- 1 LARGE FREIGHTER.

25X1

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W
OB -- 2 YP.
OTHER VESSELS -- 5 LARGE FREIGHTERS 01 LARGE-HATCH
TYPE AND 1 LARGE TANKER.

25X1

MANZANILLO PORT CU 2021N 07707W
VESSELS -- NONE OBSERVED.

25X1

LA ISABELA PORT CU 2256N 08000W
VESSELS -- 1 LARGE FREIGHTER.

25X1

CARDENAS PORT CU 2302N 08111W
OB -- 1 LARGE FREIGHTER.

25X1

MATANZAS PORT CU 2302N 08134W
VESSELS -- 1 LARGE FREIGHTER OBSERVED IN CLOUD-FREE
AREAS.

25X1

ELECTRONICS/COMMUNICATIONS

SANTA CLARA EW/GCI RADAR SITE CU 2229N 07956W
OB -- 1 BAR LOCK RADAR AND 1 ROCK CAKE/STONE CAKE
RADAR.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

25X1

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W
OB -- NONE OBSERVED.
ACTIVITY -- 30 TRACKED PRIME MOVERS, 20 CARGO TRUCKS, 6
VAN TRUCKS, AND 6 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

25X1

MILITARY ACTIVITY

P-5 GUANTANAMO AREA CU 2018N 07525W
NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
AREAS 1 AND 2 -- 50 PERCENT USEABLE COVERAGE.
AREAS 3, 5, 7 AND 8 -- 90 PERCENT USEABLE COVERAGE.
AREA 4 -- 85 PERCENT USEABLE COVERAGE.
AREA 6 -- 95 PERCENT USEABLE COVERAGE.
AREA 9 -- 100 PERCENT USEABLE COVERAGE.

25X1

CUABITAS MILITARY CAMP CU 2003N 07548W

25X1

LA QUINTA MILITARY CAMP CU 2002N 07551W
OB -- 5 PROBABLE MORTARS, 6 CARGO TRUCKS, AND 1 UTILITY TRUCK.
NO APPARENT CHANGE IN FACILITIES.

25X1

LIMONAR MILITARY CAMP SE CU 2255N 08124W
OB -- 12 CARGO TRUCKS.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

25X1

R6
LIMONAR TANK TRAINING AREA CU 2254N 08121W
OB -- 13 TANKS/SP GUNS, 4 CARGO TRUCKS, AND 2 OTHER VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

25X1

OFELIA MILITARY CAMP CU 2006N 07530W
OB -- 14 TANKS/SP GUNS, 55 FA PIECES, 24 AAA PIECES, 12 PROBABLE MORTARS, 75 CARGO TRUCKS, AND 8 OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN MEDIUM AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA ARTILLERY TRAINING AREA CU 2222N 08000W
OB -- 4 FA PIECES, 17 HEAVY AAA PIECES, 12 CARGO TRUCKS, AND 3 CARGO TRAILERS.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA MILITARY ACTIVITY CU 2220N 07957W
OB -- 34 CARGO TRUCKS, 6 TRACTOR-TRAILER TRUCKS, AND AT LEAST 30 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1

Sec-3
SANTA CLARA MILITARY CAMP SOUTH CU 2222N 05958W
OB -- 40 FA PIECES, 4 MORTARS, 30 CARGO TRUCKS, 6 TRACTOR-TRAILER TRUCKS, 2 FLATBED TRAILERS, AND 13 CARGO TRAILERS.
ACTIVITY -- 1 LARGE RADIO ANTENNA AND 1 ASSOCIATED BUILDING LOCATED IMMEDIATELY EAST OF AREA 1.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE CUBA MILITARY CAMP NW CU 2003N 07554W
OB -- 6 FA PIECES, 23 FA PIECES/MORTARS, AND 36 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

P-2
SANTIAGO DE CUBA MILITARY CAMP CU 2003N 07553W
NO APPARENT CHANGE IN COUNT OR DEPLOYMENT OF VEHICLES/PIECES OF EQUIPMENT

25X1
25X1

NO APPARENT CHANGE IN FACILITIES.

25X1

LAS MERCEDES VEHICLE PARK CU 2224N 08001W
OB -- 62 VAN TRUCKS, 11 CARGO TRUCKS, AND 25 OTHER VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1

MIAS LANDING BEACH CU 2005N 07440W
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

EAST EDGE OF SANTIAGO CUBA AT BASE OF SAN JUAN HILL

AT 28-01-30N 075-47-43W OUTM 18QVT169143N.

P-3 FACILITIES CONSIST OF 13 PROBABLE BARRACKS, 4
DOUBLE-GABLE-ROOFED PROBABLE VEHICLE SHEDS, 1
ADMINISTRATION BUILDING, 4 SUPPORT BUILDINGS, AND 2
LARGE AND 7 SMALL NON-SOVIET TENTS.

OB -- 20 FA PIECES, 6 AAA PIECES, 30 PROBABLE MORTARS,
5 CARGO TRUCKS, AND 6 OTHER VEHICLES/PIECES OF
EQUIPMENT.

ACTIVITY -- 1 OCCUPIED 3-GUN LIGHT AAA SITE.

QMAP REFERENCE -- AMS SERIES E723, SHEET 5076-III, 3D
ED.

25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

PUNTA MAISI LOW SIEVE RADAR SITE 2014N 07409W

LA SOCAPA LOW SIEVE RADAR SITE 1958N 07552W

DOS CAMINOS MILITARY CAMP 2014N 07547W

SIBONEY LANDING BEACH 1957N 07542W

PLAYA YATERITAS LANDING BEACH 1958N 07457W

MATANZAS LANDING BEACH 2301N 08126W

MAR VERDE LANDING BEACH 1957N 07556W

P-4 CAMPO FLORIDO SAM SITE A07-2 2309N 08202W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

CONSTANCIA SAM SITE A10-2 2214N 08030W

SAN MIGUEL EW/GCI RADAR SITE 2229N 07953W

LA CHARCA MILITARY ACTIVITY 2246N 08036W